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(54) Title: PROCESS AND CATALYSTS FOR THE PRODUCTION OF LINEAR ALKANES

(57) Abstract: The invention relates to a process for the production of linear alkanes, containing less than 6 carbon atoms, from a mix comprising one or more hydrocarbons containing at least 6 carbon atoms. The process uses a catalytic composition comprising particular combinations of a Y-type zeolite, at least one element selected from Zn, Mo, Cu, Ga, In, W, Ta, Zr, Ti, metals of Group VIII and optionally one or more lanthanides.



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